ABSTRACT

1	A method of determining a fluid property in a subsurface region of interest of an
2	earth formation uses measurements of seismic attributes on seismic data. For a test
3	region, a plurality of realizations of rock properties are specified, and for each of the
4	realizations and a selected value of a fluid property, the seismic attribute is modeled.
5	This defines a probability density function (PDF). Comparison of the PDF of the model
6	output with the PDF on the measured seismic data is used to determine the likelihood of
7	the selected fluid property.

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